

Jean-Paul Kneib

List of Publications by Year in descending order

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Version: 2024-02-01

470
papers

53,528
citations

1530

106
h-index

1456

220
g-index

478
all docs

478
docs citations

478
times ranked

13316
citing authors

#	ARTICLE	IF	CITATIONS
1	Data-Driven Convergence Prediction of Astrobots Swarms. IEEE Transactions on Automation Science and Engineering, 2022, 19, 747-758.	3.4	1
2	Hydrogen Intensity and Real-Time Analysis Experiment: 256-element array status and overview. Journal of Astronomical Telescopes, Instruments, and Systems, 2022, 8, .	1.0	22
3	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: cosmological implications from multitracer BAO analysis with galaxies and voids. Monthly Notices of the Royal Astronomical Society, 2022, 511, 5492-5524.	1.6	22
4	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. Astrophysical Journal, Supplement Series, 2022, 259, 35.	3.0	405
5	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: growth rate of structure measurement from cosmic voids. Monthly Notices of the Royal Astronomical Society, 2022, 513, 186-203.	1.6	21
6	H α constraints from the cross-correlation of eBOSS galaxies and Green Bank Telescope intensity maps. Monthly Notices of the Royal Astronomical Society, 2022, 510, 3495-3511.	1.6	47
7	Noise temperature testing for the Hydrogen Intensity and Real-time Analysis eXperiment (HIRAX). , 2021, , .		2
8	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: a catalogue of strong galaxy-galaxy lens candidates. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4617-4640.	1.6	18
9	An atlas of MUSE observations towards twelve massive lensing clusters. Astronomy and Astrophysics, 2021, 646, A83.	2.1	71
10	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: 1000 multi-tracer mock catalogues with redshift evolution and systematics for galaxies and quasars of the final data release. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1149-1173.	1.6	58
11	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: a multitracer analysis in Fourier space for measuring the cosmic structure growth and expansion rate. Monthly Notices of the Royal Astronomical Society, 2021, 504, 33-52.	1.6	20
12	Learning convergence prediction of astrobots in multi-object spectrographs. Journal of Astronomical Telescopes, Instruments, and Systems, 2021, 7, .	1.0	0
13	A Short Review on Space-based Solar Power Applications for Desert Irrigation. , 2021, , .		2
14	Simulation Tool: Resources Management in High Performance Avionic for ADR Missions. , 2021, , .		1
15	Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: Cosmological implications from two decades of spectroscopic surveys at the Apache Point Observatory. Physical Review D, 2021, 103, .	1.6	527
16	Gravitation and the Universe from large scale-structures. Experimental Astronomy, 2021, 51, 1623-1640.	1.6	5
17	Improving parametric mass modelling of lensing clusters through a perturbative approach. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2002-2019.	1.6	7
18	Does concentration drive the scatter in the stellar-to-halo mass relation of galaxy clusters?. Monthly Notices of the Royal Astronomical Society, 2021, 505, 5117-5128.	1.6	20

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19	Galaxy cluster cores as seen with VLT/MUSE: New strong-lensing analyses of RXJ2129.4+0009, MS0451.6+0305, and MACSJ2129.4+0741. Monthly Notices of the Royal Astronomical Society, 2021, 508, 1206-1226.		
20	Astrobotics: Swarm Robotics for Astrophysical Studies. IEEE Robotics and Automation Magazine, 2021, 28, 92-101.	2.2	3
21	The cis-lunar ecosystem – A systems model and scenarios of the resource industry and its impact. Acta Astronautica, 2021, 188, 545-558.	1.7	5
22	SDSS-V Algorithms: Fast, Collision-free Trajectory Planning for Heavily Overlapping Robotic Fiber Positioners. Astronomical Journal, 2021, 161, 92.	1.9	5
23	Experimental evaluation of complete safe coordination of astrobots for Sloan Digital Sky Survey V. Experimental Astronomy, 2021, 51, 77-94.	1.6	1
24	Halo Mass-concentration Relation at the High-mass End. Astrophysical Journal, 2021, 922, 162.	1.6	7
25	Lenstool-HPC: A High Performance Computing based mass modelling tool for cluster-scale gravitational lenses. Astronomy and Computing, 2020, 30, 100360.	0.8	2
26	High Performance Computing for gravitational lens modeling: Single vs double precision on GPUs and CPUs. Astronomy and Computing, 2020, 30, 100340.	0.8	0
27	The e-MERGE Survey (e-MERLIN Galaxy Evolution Survey): overview and survey description. Monthly Notices of the Royal Astronomical Society, 2020, 495, 1188-1208.	1.6	23
28	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: measurement of the BAO and growth rate of structure of the luminous red galaxy sample from the anisotropic correlation function between redshifts 0.6 and 1. Monthly Notices of the Royal Astronomical Society, 2020, 500, 736-762.	1.6	154
29	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: <i>N</i> -body mock challenge for the quasar sample. Monthly Notices of the Royal Astronomical Society, 2020, 499, 269-291.	1.6	41
30	The Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: Large-scale structure catalogues for cosmological analysis. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2354-2371.	1.6	100
31	The distribution of dark matter and gas spanning 6 Mpc around the post-merger galaxy cluster MS0451+03. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4032-4050.	1.6	13
32	LESSER: a catalogue of spectroscopically selected sample of Lyman- λ emitters lensed by galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 499, 3610-3619.	1.6	11
33	The clustering of the SDSS-IV extended baryon oscillation spectroscopic survey DR16 luminous red galaxy and emission-line galaxy samples: cosmic distance and structure growth measurements using multiple tracers in configuration space. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3470-3483.	1.6	29
34	Precision control of miniature SCARA robots for multi-object spectrographs. International Journal of Optomechatronics, 2020, 14, 53-77.	3.3	5
35	The BUFFALO HST Survey. Astrophysical Journal, Supplement Series, 2020, 247, 64.	3.0	57
36	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. Astrophysical Journal, Supplement Series, 2020, 249, 3.	3.0	826

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37	Optimal target assignment for massive spectroscopic surveys. <i>Astronomy and Computing</i> , 2020, 30, 100364.	0.8	4
38	<i>hybrid</i>-<scp>lenstool</scp>: a self-consistent algorithm to model galaxy clusters with strong- and weak-lensing simultaneously. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 3331-3340.	1.6	14
39	The completed SDSS-IV extended baryon oscillation spectroscopic survey: growth rate of structure measurement from anisotropic clustering analysis in configuration space between redshift 0.6 and 1.1 for the emission-line galaxy sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5527-5546.	1.6	80
40	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: large-scale structure catalogues and measurement of the isotropic BAO between redshift 0.6 and 1.1 for the Emission Line Galaxy Sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 3254-3274.	1.6	62
41	Optical test procedure for characterization and calibration of robotic fiber positioners for multiobject spectrographs. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2020, 6, 1.	1.0	5
42	A robotic Focal Plane System (FPS) for the Sloan Digital Sky Survey V. , 2020, , .		9
43	Unveiling the Intrinsic Alignment of Galaxies with Self-calibration and DECaLS DR3 Data. <i>Astrophysical Journal</i> , 2020, 904, 135.	1.6	29
44	The industrialization of astronomical instrumentation: an industrial system and process engineering perspective. , 2020, , .		0
45	Test results of the SDSS-V fiber micro-positioners. , 2020, , .		1
46	Design of a Theta/Phi fiber positioner robot for the Sloan Digital Sky Survey V. , 2020, , .		3
47	An easily scalable Theta/Phi fiber positioner to reduce risks, lead times, and costs for multi-object spectrographs. , 2020, , .		1
48	The Sloan Digital Sky Survey Reverberation Mapping Project: Photometric <i>g</i> and <i>i</i> Light Curves. <i>Astrophysical Journal, Supplement Series</i> , 2020, 250, 10.	3.0	3
49	The Navigation of Robotic Fiber Positioners in SDSS-V Project: Design and Implementation. , 2019, , .		6
50	Quasi-stellar objects acting as potential strong gravitational lenses in the SDSS-III BOSS survey. <i>Astronomy and Astrophysics</i> , 2019, 625, A56.	2.1	6
51	Machine-learning Classifiers for Intermediate Redshift Emission-line Galaxies. <i>Astrophysical Journal</i> , 2019, 883, 63.	1.6	14
52	The Sloan Digital Sky Survey Reverberation Mapping Project: Improving Lag Detection with an Extended Multiyear Baseline. <i>Astrophysical Journal Letters</i> , 2019, 883, L14.	3.0	25
53	Supervisory Coordination of Robotic Fiber Positioners in Multi-Object Spectrographs. <i>IFAC-PapersOnLine</i> , 2019, 52, 61-66.	0.5	7
54	Molecular clouds in the Cosmic Snake normal star-forming galaxy 8 billion years ago. <i>Nature Astronomy</i> , 2019, 3, 1115-1121.	4.2	57

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55	Evolution of Star-forming Galaxies from $z \approx 0.7$ to 1.2 with eBOSS Emission-line Galaxies. <i>Astrophysical Journal</i> , 2019, 871, 147.	1.6	32
56	Overview of the DESI Legacy Imaging Surveys. <i>Astronomical Journal</i> , 2019, 157, 168.	1.9	825
57	Heterogeneous Target Assignment to Robotic Fiber Positioner Systems. , 2019, , .		2
58	The Mass-Metallicity Relation at $z \approx 0.8$: Redshift Evolution and Parameter Dependency. <i>Astrophysical Journal</i> , 2019, 886, 31.	1.6	19
59	The core of the massive cluster merger MACSJ0417.5+1154 as seen by VLT/MUSE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3082-3097.	1.6	20
60	Complete coordination of robotic fiber positioners for massive spectroscopic surveys. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2019, 5, 1.	1.0	9
61	The Sloan Digital Sky Survey Reverberation Mapping Project: Initial CIV Lag Results from Four Years of Data. <i>Astrophysical Journal</i> , 2019, 887, 38.	1.6	67
62	Simulation Tool to Study High Performance Avionic for Active Debris Removal Missions. , 2019, , .		3
63	Extreme magnification of an individual star at redshift 1.5 by a galaxy-cluster lens. <i>Nature Astronomy</i> , 2018, 2, 334-342.	4.2	97
64	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: first measurement of baryon acoustic oscillations between redshift 0.8 and 2.2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 4773-4794.	1.6	301
65	High density fiber positioner system for massive spectroscopic surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 3070-3082.	1.6	19
66	Growing a "cosmic beast": observations and simulations of MACSJ0717.5+3745. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2901-2917.	1.6	25
67	The extreme faint end of the UV luminosity function at $z \approx 6$ through gravitational telescopes: a comprehensive assessment of strong lensing uncertainties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 5184-5195.	1.6	159
68	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: measurement of the growth rate of structure from the anisotropic correlation function between redshift 0.8 and 2.2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 1639-1663.	1.6	109
69	Do satellite galaxies trace matter in galaxy clusters?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4020-4026.	1.6	9
70	The Sloan Digital Sky Survey Quasar Catalog: Fourteenth data release. <i>Astronomy and Astrophysics</i> , 2018, 613, A51.	2.1	333
71	The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 42.	3.0	796
72	Priority coordination of fiber positioners in multi-objects spectrographs. , 2018, , .		8

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73	Dark energy spectroscopic instrument (DESI) fiber positioner production. , 2018, , .		6
74	Design and performances of an optical metrology system to test position and tilt accuracy of fiber positioners. , 2018, , .		2
75	The Mass- Concentration Relation and the Stellar-to-halo Mass Ratio in the CFHT Stripe 82 Survey. Astrophysical Journal, 2017, 840, 104.	1.6	33
76	Looking for dark matter trails in colliding galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2017, 464, 3991-3997.	1.6	12
77	A detection of wobbling brightest cluster galaxies within massive galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2017, 472, 1972-1980.	1.6	27
78	Mapping substructure in the HST Frontier Fields cluster lenses and in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1962-1980.	1.6	64
79	The 13th Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory. Astrophysical Journal, Supplement Series, 2017, 233, 25.	3.0	406
80	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. Astronomical Journal, 2017, 154, 28.	1.9	1,100
81	VICS82: The VISTA- CFHT Stripe 82 Near-infrared Survey. Astrophysical Journal, Supplement Series, 2017, 231, 7.	3.0	21
82	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: tomographic BAO analysis of DR12 combined sample in configuration space. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3762-3774.	1.6	122
83	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: tomographic BAO analysis of DR12 combined sample in Fourier space. Monthly Notices of the Royal Astronomical Society, 2017, 466, 762-779.	1.6	54
84	CODEX weak lensing: concentration of galaxy clusters at $z \approx 0.5$. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1092-1116.	1.6	21
85	Photometric redshifts and clustering of emission line galaxies selected jointly by DES and eBOSS. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2771-2790.	1.6	8
86	Clustering of quasars in SDSS-IV eBOSS: study of potential systematics and bias determination. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 017-017.	1.9	66
87	The SDSS-IV extended Baryon Oscillation Spectroscopic Survey: final emission line galaxy target selection. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3955-3973.	1.6	62
88	Stellar-to-halo mass relation of cluster galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1153-1166.	1.6	23
89	An integral field spectrograph for snap. , 2017, , .		0
90	The PCA Lens-Finder: application to CFHTLS. Astronomy and Astrophysics, 2016, 592, A75.	2.1	27

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91	SPIDERS: the spectroscopic follow-up of X-ray-selected clusters of galaxies in SDSS-IV. Monthly Notices of the Royal Astronomical Society, 2016, 463, 4490-4515.	1.6	47
92	ASTERIsM: application of topometric clustering algorithms in automatic galaxy detection and classification. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2939-2957.	1.6	13
93	SDSS-IV eBOSS emission-line galaxy pilot survey. Astronomy and Astrophysics, 2016, 592, A121.	2.1	33
94	The extraordinary amount of substructure in the Hubble Frontier Fields cluster Abell 2744. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3876-3893.	1.6	99
95	THE TIME-DOMAIN SPECTROSCOPIC SURVEY: UNDERSTANDING THE OPTICALLY VARIABLE SKY WITH SEQUELS IN SDSS-III. Astrophysical Journal, 2016, 825, 137.	1.6	18
96	Strong lensing in the inner halo of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2016, 460, 4453-4465.	1.6	4
97	4MOST: the 4-metre Multi-Object Spectroscopic Telescope project at preliminary design review. Proceedings of SPIE, 2016, , .	0.8	41
98	High-redshift supernova rates measured with the gravitational telescope A ¹⁶⁸⁹ . Astronomy and Astrophysics, 2016, 594, A54.	2.1	30
99	The extended Baryon Oscillation Spectroscopic Survey: a cosmological forecast. Monthly Notices of the Royal Astronomical Society, 2016, 457, 2377-2390.	1.6	83
100	The SDSS-III BOSS quasar lens survey: discovery of 13 gravitationally lensed quasars. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1595-1606.	1.6	67
101	A 24mm diameter fibre positioner for spectroscopic surveys. , 2016, , .		2
102	Weak-lensing mass calibration of the Atacama Cosmology Telescope equatorial Sunyaev-Zeldovich cluster sample with the Canada-France-Hawaii telescope stripe 82 survey. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 013-013.	1.9	48
103	[C ⁱⁱ] emission in $z < 1/4$ strongly lensed, star-forming galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 462, L6-L10.	1.2	92
104	The Bullet cluster at its best: weighing stars, gas, and dark matter. Astronomy and Astrophysics, 2016, 594, A121.	2.1	20
105	THE SDSS-IV EXTENDED BARYON OSCILLATION SPECTROSCOPIC SURVEY: LUMINOUS RED GALAXY TARGET SELECTION. Astrophysical Journal, Supplement Series, 2016, 224, 34.	3.0	87
106	Signatures of the Primordial Universe from Its Emptiness: Measurement of Baryon Acoustic Oscillations from Minima of the Density Field. Physical Review Letters, 2016, 116, 171301.	2.9	56
107	MultiDarkLens Simulations: weak lensing light-cones and data base presentation. Monthly Notices of the Royal Astronomical Society, 2016, 461, 209-223.	1.6	23
108	Clustering properties of g -selected galaxies at $z < 0.8$. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3421-3431.	1.6	47

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109	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: single-probe measurements from CMASS anisotropic galaxy clustering. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3781-3793.	1.6	88
110	The evolution of the [OII], H β and [OIII] emission line luminosity functions over the last nine billions years. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1076-1087.	1.6	29
111	A shock front at the radio relic of Abell 2744. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1302-1307.	1.6	55
112	Measuring subhalo mass in redMaPPer clusters with CFHT Stripe 82 Survey. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2573-2583.	1.6	31
113	Systematic or signal? How dark matter misalignments can bias strong lensing models of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2016, 458, 660-665.	1.6	21
114	A complete census of Herschel-detected infrared sources within the HST Frontier Fields. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1626-1645.	1.6	31
115	A new method to break the mass-sheet degeneracy using aperture moments. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2505-2525.	1.6	3
116	Hubble Frontier Fields: predictions for the return of SN Refsdal with the MUSE and GMOS spectrographs. Monthly Notices of the Royal Astronomical Society, 2016, 457, 2029-2042.	1.6	70
117	THE SDSS-IV EXTENDED BARYON OSCILLATION SPECTROSCOPIC SURVEY: OVERVIEW AND EARLY DATA. Astronomical Journal, 2016, 151, 44.	1.9	582
118	The DESI fiber positioner system. Proceedings of SPIE, 2016, , .	0.8	12
119	Collision-free coordination of fiber positioners in multi-object spectrographs. , 2016, , .		3
120	Target-based fiber assignment for large survey spectrographs. , 2016, , .		5
121	THE SDSS-IV EXTENDED BARYON OSCILLATION SPECTROSCOPIC SURVEY: QUASAR TARGET SELECTION. Astrophysical Journal, Supplement Series, 2015, 221, 27.	3.0	153
122	The Red Radio Ring: a gravitationally lensed hyperluminous infrared radio galaxy at $z=2.553$ discovered through the citizen science project SpaceWarps. Monthly Notices of the Royal Astronomical Society, 2015, 452, 502-510.	1.6	35
123	NEAR-ULTRAVIOLET SPECTROSCOPY OF STAR-FORMING GALAXIES FROM eBOSS: SIGNATURES OF UBIQUITOUS GALACTIC-SCALE OUTFLOWS. Astrophysical Journal, 2015, 815, 48.	1.6	52
124	Cosmological implications of baryon acoustic oscillation measurements. Physical Review D, 2015, 92, .	1.6	487
125	ARE ULTRA-FAINT GALAXIES AT $z \sim 6$ RESPONSIBLE FOR COSMIC REIONIZATION? COMBINED CONSTRAINTS FROM THE HUBBLE FRONTIER FIELDS CLUSTERS AND PARALLELS. Astrophysical Journal, 2015, 814, 69.	1.6	166
126	MASS CONCENTRATION RELATION OF CLUSTERS OF GALAXIES FROM CFHTLenS. Astrophysical Journal, 2015, 814, 120.	1.6	19

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127	Baryon acoustic oscillations in the Ly α forest of BOSS DR11 quasars. <i>Astronomy and Astrophysics</i> , 2015, 574, A59.	2.1	669
128	Narrowband selected high-redshift galaxy candidates contaminated by lower redshift [OIII] ultra-strong emitter line galaxies. <i>Astronomy and Astrophysics</i> , 2015, 577, A74.	2.1	5
129	CFHTLenS: weak lensing calibrated scaling relations for low-mass clusters of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 1460-1481.	1.6	52
130	Cosmological constraints from weak lensing peak statistics with Canada-France-Hawaii Telescope Stripe 82 Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2888-2902.	1.6	83
131	First measurement of the cross-correlation of CMB lensing and galaxy lensing. <i>Physical Review D</i> , 2015, 91, .	1.6	60
132	THE WEAK LENSING SIGNAL AND THE CLUSTERING OF BOSS GALAXIES. I. MEASUREMENTS. <i>Astrophysical Journal</i> , 2015, 806, 1.	1.6	87
133	An 8-mm diameter fibre robot positioner for massive spectroscopy surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 794-806.	1.6	12
134	BRIGHTEST X-RAY CLUSTERS OF GALAXIES IN THE CFHTLS WIDE FIELDS: CATALOG AND OPTICAL MASS ESTIMATOR. <i>Astrophysical Journal</i> , 2015, 799, 60.	1.6	16
135	NEW CONSTRAINTS ON THE FAINT END OF THE UV LUMINOSITY FUNCTION AT $z \sim 7-8$ USING THE GRAVITATIONAL LENSING OF THE HUBBLE FRONTIER FIELDS CLUSTER A2744. <i>Astrophysical Journal</i> , 2015, 800, 18.	1.6	133
136	Hubble Frontier Fields: a high-precision strong-lensing analysis of the massive galaxy cluster Abell 2744 using ~ 180 multiple images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 1437-1446.	1.6	109
137	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. <i>Astrophysical Journal, Supplement Series</i> , 2015, 219, 12.	3.0	1,877
138	Warm-hot baryons comprise $5 \sim 10$ per cent of filaments in the cosmic web. <i>Nature</i> , 2015, 528, 105-107.	13.7	133
139	Spectroscopic needs for imaging dark energy experiments. <i>Astroparticle Physics</i> , 2015, 63, 81-100.	1.9	66
140	The 0.1 z 1.65 evolution of the bright end of the [OII] luminosity function. <i>Astronomy and Astrophysics</i> , 2015, 575, A40.	2.1	74
141	Evidence for major mergers of galaxies at $2 \lesssim z \lesssim 4$ in the VVDS and VUDS surveys. <i>Astronomy and Astrophysics</i> , 2014, 565, A10.	2.1	47
142	The WIRCam Deep Survey. <i>Astronomy and Astrophysics</i> , 2014, 568, A24.	2.1	20
143	A PCA-based automated finder for galaxy-scale strong lenses. <i>Astronomy and Astrophysics</i> , 2014, 566, A63.	2.1	39
144	The CFHTLS-Strong Lensing Legacy Survey (SL2S): Investigating the group-scale lenses with the SARCS sample. <i>Journal of Physics: Conference Series</i> , 2014, 484, 012041.	0.3	0

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145	UNDERSTANDING THE UNIQUE ASSEMBLY HISTORY OF CENTRAL GROUP GALAXIES. <i>Astrophysical Journal</i> , 2014, 797, 62.	1.6	16
146	Hubble Frontier Fields: a high-precision strong-lensing analysis of galaxy cluster MACSJ0416.1-2403 using $\sim 1/4$ 200 multiple images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 1549-1554.	1.6	109
147	Lensed Type Ia supernovae as probes of cluster mass models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 2742-2754.	1.6	33
148	Hubble Frontier Fields: the geometry and dynamics of the massive galaxy cluster merger MACSJ0416.1-2403. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 446, 4132-4147.	1.6	63
149	First galaxy-galaxy lensing measurement of satellite halo mass in the CFHT Stripe-82 Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 2864-2870.	1.6	34
150	Disentangling a group of lensed submm galaxies at $z \sim 2.9$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 201-212.	1.6	14
151	Extragalactic science, cosmology, and Galactic archaeology with the Subaru Prime Focus Spectrograph. <i>Publication of the Astronomical Society of Japan</i> , 2014, 66, .	1.0	469
152	zCOSMOS 20k: satellite galaxies are the main drivers of environmental effects in the galaxy population at least to $z \sim 0.7$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 717-738.	1.6	78
153	Mass and magnification maps for the Hubble Space Telescope Frontier Fields clusters: implications for high-redshift studies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 268-289.	1.6	173
154	Developing micro DC-brushless motor driver and position control for fiber positioners. <i>Proceedings of SPIE</i> , 2014, , .	0.8	1
155	[C II] AND $^{12}\text{CO}(1-0)$ EMISSION MAPS IN HLSJ091828.6+514223: A STRONGLY LENSED INTERACTING SYSTEM AT $z = 5.24$. <i>Astrophysical Journal</i> , 2014, 783, 59.	1.6	86
156	Weak lensing galaxy cluster field reconstruction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 3969-3979.	1.6	31
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